## Index of Claims

 Application No.
 Applicant(s)

 10/065,711
 CHANG, CHING-YU

 Examiner
 Art Unit

 Nicole M. Barreca
 1756

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|-----|----------------------------------|-------|------------------------------|---------|---|-----------|
| 4   | Rejected                         |       | (Through numera<br>Cancelled | ıl)     | N | Non-Ele   |
| =   | Allowed                          | ÷     | Restricted                   |         | 1 | Interfere |

| Non-Elected  | A | Appeal   |
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| Interference | 0 | Objected |

|                   |              |          |          |         |         |          | _        |          |          |          | _        |          | _        |           | _       |          |          |          |            |               | ,          |          | _                       |          |          | _            | _        |           |        |
|-------------------|--------------|----------|----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---------|----------|----------|----------|------------|---------------|------------|----------|-------------------------|----------|----------|--------------|----------|-----------|--------|
| Claim             | 1            |          |          | D       | ate     |          |          | ٦.       | 1        | laim     | Т        | _        |          |           | ate     |          |          | _        | <i>i</i> . | Cli           | aim        |          | _                       |          | Dat      | <u>—</u>     | _        |           | _      |
| Final<br>Original | S. A.        | 5276     | Ţ        |         |         |          |          |          | Final    | Original | ,        |          |          |           |         |          |          |          |            | Final         | Original   |          | ]                       | T        |          |              |          |           |        |
| 1                 | Y            | V        | 7        | $^{+}$  | +       | ╆        | 17       | ٦.       | $\cdot$  | 51       | +        | +        | Н        | Н         | +       | +        | ╁╴       | H        | 4          |               | 101        | H        | +                       | +        | ╁        | ┝            | Н        | +         |        |
| 2                 | $\Pi$        | 1        | 7        | T       | ╅       | 1        | $\Box$   | 7        |          | 52       |          | T        | $\vdash$ | Н         | 7       | +        |          | Н        | 1          | _             | 102        | $\dashv$ | ╅                       | +        | ╈        | <del> </del> | -        | -         | -      |
| 3                 | $\mathbf{I}$ | $\Box$   | J        | Ť       |         |          | П        | ]        |          | 53       | _        | T        |          |           |         |          |          | П        |            |               | 103        | $\vdash$ | _                       | †-       | +-       | Н            | Н        | $\dashv$  | -      |
| 4                 | Щ            | 41       |          | _       |         | $\perp$  |          | ٦.       |          | 54       |          | Γ        |          |           |         | $\perp$  |          |          | -:-        |               | 104        |          |                         | Т        | $\vdash$ |              | П        | 寸         | $\neg$ |
| 5                 | ш            | 41       | 4        | 4       |         | -        | Ш        | 4        | :        | 55       |          | L        |          |           | $\perp$ |          |          |          | . ž .      |               | 105        |          | $\top$                  | Т        | Т        |              | $\neg$   | ╗         |        |
| 6                 | н            | -11      | 4        | 4       | +       | 4_       | $\vdash$ | 41       | $\vdash$ | 56       |          | 1        | L.       | $\Box$    | 4       |          |          |          |            |               | 106        |          | $\perp$                 |          | $\Box$   |              |          | $\exists$ |        |
| 7 8               | Н            | -        | +        |         | +       | +        | ╌        | 4:       | -        | 57       |          | ↓_       | Ш        | Н         | -       | _        |          | Ш        |            | -             | 107        | 1        | $\perp$                 | ┸        | L        |              |          | $\perp$   |        |
| -   -             | Н            | ₩        | +        | ╬       | +       | +        | ⊢⊦       | $\dashv$ | -        | 58       |          | +-       | <u> </u> | Н         | 4       |          | H        | Н        |            |               | 108        | _        | +                       | ╄        | L        |              | Ц        | 1         | ┙      |
| 10                | н            | ₩        | ᅪ        | +       | +       | 1-       | H        | -1:      | 1        | 59<br>60 |          | +        | -        | H         | +       | +        | ١        | Н        | 1          |               | 109        | -        | +                       | +        | <b>!</b> | _            | 4        | 4         | _      |
| 11                | Н            | ₩        | +        | ╅       | ┿       | ╅        | ╁╌┼      | 1:       |          | 61       |          | -        |          | H         | -       | ┰        | -        | Н        | .          |               |            | +        | +-                      | 4        | $\vdash$ | -            | _        | 4         | _      |
| 12                | Н            | ⇥        | $\dashv$ | +       | +       | +        | $\vdash$ | ٦.       |          | 62       |          | ╆        | Н        | Н         |         | +        | Н        | Н        |            |               | 111        | +        | +-                      | ╁        | $\vdash$ | Н            | 4        | +         | 4      |
| 13                | П            | Ť        | $\dashv$ | $^{+}$  | +       | +-       | 1-1      | -  :     |          | 63       |          | †        | Н        | $\vdash$  | +       | +-       | $\vdash$ | Н        |            |               | 113        | +        | +                       | +        | $\vdash$ | Н            | -        | +         | 4      |
| 14                | П            | V        | 1        | _       |         | Т        | 1        | ᆌ.       |          | 64       |          | 1        | Н        | $\vdash$  | ╅       | +        | Н        | Н        |            |               | 114        | +        | +                       | +        | $\vdash$ | Н            | -        | +         | 4      |
| 15                |              | I        |          | 7       | Τ       | $\top$   | $\sqcap$ | ٦.       |          | 65       |          | T        | П        | П         | +       | ╁        | М        | Н        | 1          |               | 115        | $\dashv$ | +                       | +        | 1        | Н            | -+       | -+        | ᅥ      |
| 16                | $\Box$       | $\Pi$    | T        | 1       |         |          | П        | ].:      | -        | 66       | I        |          |          |           |         | 1        | П        | $\dashv$ |            |               | 116        | +        | +                       | 1-       | Н        | Н            | 7        | +         | ۲      |
| 17                | 4            | ŽĮ.      |          | $\perp$ | L       |          |          | ]        |          | 67       |          |          |          |           |         | T        | П        | П        |            |               | 117        | $\neg$   | T-                      | T        | Т        | $\Box$       |          | 十         | ╛      |
| 18                | И            | Ш        | _        | ┙       | _       |          |          | ];       | ·C       | 68       | I        |          |          |           | $\top$  |          |          | П        |            |               | 118        | $\neg$   | 7-                      |          |          | _            | ✝        | $\dashv$  | ╛      |
| 19                | $\dashv$     | Y,       | 4        | 4       | 4       | $\perp$  | <u> </u> | 48       | :        | 69       | Γ        |          |          |           | I       | $\perp$  |          |          | . [        |               | 119        |          | Т                       | Г        |          |              | 7        | 7         | ᅱ      |
| 20                | Н            | ব        | 4        | 4       | 4       | Н        | $\vdash$ | 40       | -        | 70       | ┸        | L        | Щ        | _         | ᆚ       |          |          | Ш        | [          |               | 120        |          |                         | Γ        |          |              | $\neg$   | $\Box$    | ٦      |
| 21                | $\dashv$     | 4        | -        | -       | +       | 44       | Н        | 4.       | 1        | 71       | 1        |          | Щ        |           | 4       |          | Ш        | Ш        |            | !             | 121        | $\perp$  |                         |          |          |              |          | $\Box$    |        |
| 23                | $\dashv$     | -+       | +        | +       | +       | ╀        | H        | 4        | :        | 72       | +        | ⊢        | Ш        | 4         | 4       | -        | <b> </b> | _        |            |               | 122        | 1        | _                       | ┺        | Ш        |              | _        | $\perp$   |        |
| 24                | $\dashv$     | -+       | +        | +       | ┿       | +        | ⊢⊦       | -1:      | -        | 73       | ┿        | $\vdash$ | Н        | $\vdash$  |         | 1        | Н        | Ц.       |            |               | 123        | +        | 4                       | ┺        | Ц        |              | 4        | 4         | Ц      |
| 25                | $\vdash$     | +        | +        | +       | +-      | +-       | ⊢⊦       |          | $\vdash$ | 74<br>75 | ╀        | ₩.       | Н        | -+        | +       | +        | Н        | -1       | ·          |               | 124        | -+       | 4-                      | ᆜ        | Ш        | Щ            | 4        | 4         | 4      |
| 26                | Н            | $\dashv$ | +        | ╅       | +-      | $\vdash$ | Η        | ન¦ં      | -        | 76       | ┿        | Н        | Н        | +         | +       | +        | Н        | -        |            | -             | 125<br>126 | -        | +                       | -        | Н        |              | _        | 4         | ᆛ      |
| 27                | ۲            | +        | ╅        | +       | ╁       | +        |          | -1       | $\vdash$ | 77       | ╁╴       | Н        | -        | +         | +       | +-       | Н        | Н.       |            | _             | 126        | -        | +                       | ┼        | Н        | _            | 4        | 4         | 4      |
| 28                | ┪            | +        | +        | ╈       | +-      | +        | $\vdash$ | 47       | $\vdash$ | 78       | ╁        | Н        | $\vdash$ | +         | +       | +        | Н        |          | H          | $\rightarrow$ | 128        | +        | +                       | -        | <b>-</b> | -            | +        |           | 긕      |
| 29                | $\neg$       | $\top$   | 7        | +       | +       | Н        | $\pm$    | ٦.       |          | 79       | +        | Н        | _        | _         | +       | +        | H        | ᅱ        | H          | -+            | 129        | +        | +                       | +        | Н        | -            | +        | +         | 4      |
| 30                | $\neg$       |          | 1        |         | $\top$  | $\Box$   | _        | 1        |          | 80       | +-       | $\vdash$ | -        | +         | +       | $\vdash$ | H        | ᅥ        | 1          | ~             | 130        | ┰        | +                       | Н        | Н        | -1           | -+       |           | ┨      |
| 31                | $\exists$    |          |          | T       |         | $\Box$   | $\top$   | ٦٥       |          | 81       | T        | П        | $\neg$   | ┪         | ╅       | +        | Н        | ᅱ        | 1          | $\neg$        | 131        | -        | +                       | Н        | Н        | ┪            | $\dashv$ | +         | ┪      |
| 32                |              | $\perp$  | I        | I       |         |          |          | ]::      |          | 82       | 1        |          | 7        |           | $\top$  |          | $\neg$   | ┪        | ऻ          | $\neg$        | 132        | 7        | +                       | Ħ        | Н        | 7            | +        | +         | ┪      |
| 33                | _[           | _[       |          | 1       | $\perp$ | ᄓ        | $\Box$   | <u> </u> |          | 83       | L        |          |          | $\exists$ | $\perp$ |          |          |          | 1          |               | 133        | $\top$   | +-                      | П        | $\vdash$ | 7            | 7        | +         | ٦      |
| 34                | 4            | +        | +        | +       | ╄       | Н        | -1       | ]:       | _        | 84       | $\perp$  | $\Box$   | $\Box$   | $\perp$   | I       | $\Box$   |          |          | . [        |               | 134        | Ι        | $\perp$                 | $\Box$   |          |              |          |           | ٦      |
| 35                | 4            | +        | +        | +       | +       | $\sqcup$ | -        | 4 :      | <u> </u> | 85       | 1        | Ц        | _[       | 1         | _       | $\Box$   |          |          | ]:         |               | 135        | I        | $oldsymbol{\mathbb{I}}$ |          |          |              |          |           | J      |
| 36<br>37          | 4            | +        | +-       | ╀       | +-      | ₩        | +        | 4        | :        | 86       | -        | Н        | 4        | 4         | 1       | 4-1      |          | 4        | [_         | $\Box$        | 136        |          | $\perp$                 |          |          | J            | T        | T         | ]      |
| 37                | -}           | +        | +        | ╫       | ╁       | ╁┤       | +        |          | -        | 87       | +        | Н        | -1       | -         | 4       | $\sqcup$ | $\dashv$ | 4        | ŀ          |               | 137        | 4        | 1                       | $\sqcup$ | $\Box$   | $\perp$      | _[.      | 1         | 4      |
| 39                | +            | +        | +        | ╁       | +       | ⊢⊦       |          |          | -        | 88       | +-       | $\vdash$ | 4        | +         | +       | $\vdash$ | 4        | 4        | ႃႃ         |               | 138        | 4        | $\perp$                 | $\sqcup$ | Ц        | $\perp$      | 1        | 1         | ╛      |
| 40                | +            | ╅        | +-       | +-      | +-      | ╁┤       | +        | -{ ∵     | $\vdash$ | 90       | $\vdash$ | Н        | $\dashv$ | +         | +       | ++       | -+       | 1.       | - L        |               | 139        | 4        | +-                      | Н        | Н        | 4            | +        | +         | 4      |
| 41                | 7            | 十        | +        | +       | +-      | H        | +        | 1        | $\vdash$ | 91       | +-       | $\vdash$ | +        | +         | +-      | ╀        | -+       | -1.      | ſ          |               | 140        | +        | ╀                       | Н        | Н        | -            | +        | +         | 4      |
| 42                | +            | +        | +        | +       | +-      | $\vdash$ |          |          | _        | 92       | +-       | $\vdash$ | -+       | +         | ╁       | $\dashv$ | +        | ٦,       |            |               | 141<br>142 | - -      | +-                      | Н        | -        | -4           | +        | +-        | 4      |
| 43                | $\dashv$     | +        | $\top$   | +       | +       | $\vdash$ | +        | 1        | 1        | 93       | $\vdash$ | Н        | $\dashv$ | -+        | +       | ╁┤       | +        |          | ∷⊦         |               | 143        | +        | ╁                       | Н        | -        | +            | +        | +         | 4      |
| 44                |              | _ -      | T        | T       | $\perp$ | П        | +        | 1        | _        | 94       | H        |          | -        | -+        | +       | ╁┤       | +        | - 2      | ŀ          |               | 144        |          | +                       | Н        | $\dashv$ | -+           | +        | +         | H      |
| 45                | 丁            | 1        | I        | Ι       | I       | $\Box$   | $\top$   | 100      |          | 95       | Т        | $\vdash$ | 十        | +         | +       | +        | +        | -        | ⊹          |               | 145        | +        | +                       | H        | -        | +            | +        | +         | 4      |
| 46                | J            | $\perp$  | I        |         | Γ       |          | $\perp$  | ];;;     |          | 96       |          | П        | 7        | $\top$    | +       | H        | -+       | ٦.       | ះ្រ        |               | 146        | +        | +-                      | H        | $\dashv$ | +            | +        | +         | Ⅎ      |
| 47                | $\perp$      | I        | T        | L       | 1       |          | T        | 1        |          | 97       | L        |          | ⅎ        | $\perp$   | I       | $\sqcap$ | 7        | 7        | T          |               | 147        | +        | +-                      | H        | +        | +            | ┪-       | +         | ٦      |
| 48                | -1           | 1        | 1        | L       |         | П        | Ţ        | 1        |          | 98       |          |          | ╛        | $\perp$   | I       | $\Box$   | _        | ٦        | 1          |               | 148        | $\top$   | 1                       | П        | $\dashv$ | +            | +        | +         | 1      |
| 49                | -1-          | +        | $\perp$  | ╀       | ╀       | Н        | _        | 1.       | <u> </u> | 99       |          | $\Box$   | I        | T         | I       | П        |          |          | [          |               | 149        | $\perp$  |                         |          | J        | 1            | I        | I         | ]      |
| 50                | _L           |          |          |         | _       | ш        |          | Jä.      |          | 100      | 1        |          | - 1      | - 1       | 1       | LT       | T        | 7        | ा          |               | 150        | Т        | $\Gamma$                | П        | $\neg$   | Т            | Т        | T         | ٦      |